



**CONTRA COSTA
WATER DISTRICT**

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*Interim General
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Joe Grindstaff, Chief Executive Officer
Delta Stewardship Council
650 Capitol Mall
Sacramento, CA 95814

Dear Mr. ~~Grindstaff~~ ^{Joe}:

Contra Costa Water District would like to commend the Council on the progress made on the interim plan. We would like to submit the following descriptions of Contra Costa Water District's projects that were included in the interim plan. Some of the details included in the first draft of the interim plan are out of date and we would like to provide the most current information possible.

Please feel free to call me at 925-688-8100 or to call Maureen Martin at 925-688-8323 if you have any questions or would like to discuss this further. We look forward to working with the Delta Stewardship Council.

Sincerely,

Greg Gartrell
Assistant General Manager

GG/MM/wec

Attachment

cc: Delta Stewardship Council

Section	Primary Agency	Project Name	Description
85020 e	DWR, MWD, CCWD, ACWD, Zone 7, SCVWD	Lo-Flow Screened Intake to Clifton Court Forebay	The Metropolitan Water District of Southern California, the Santa Clara Valley Water District, the Alameda County Water District, Zone 7 Water Agency, and the Contra Costa Water District are committed to this project and are preparing to begin a study to develop conceptual alternatives for positive barrier low-flow fish screens on South Delta exports. The Request for Proposals for this study will be sent to consultants this month, with interim results expected shortly thereafter and completion of the study before the end of the year.
85020 f,c	CCWD	Rock Slough Fish Screen	Contra Costa Water District (CCWD) diversion of water from the Sacramento-San Joaquin Delta at Rock Slough serves as a major component of its water supply. The project would install fish screens at the Rock Slough diversion to minimize the entrainment losses of sensitive fish species. It includes flow control and transition structures necessary to reduce tidal influences and maintain low flow rates through the screen. This will help the screen perform properly and allow fish to pass by it easily without entrainment or impairment. Improvements at the diversion site also would reduce potential predation on target species, fulfill legal requirements of the U.S. Fish and Wildlife Service's 2008 Biological Opinion for the threatened Delta smelt, complete the mitigation for the Los Vaqueros Biological Opinion, and complete CVPIA requirements in Section 3406(b)(5). Construction is estimated to be complete in 2010.

85020 f	CCWD	Contra Costa Canal Replacement Project	Phase II of the project will remove a total of 8 miles of levees that constitute the unlined (earthen) portion of the Contra Costa Canal. These levees, constructed in the late 1930's as part of the Contra Costa Canal, were not designed for flood control; replacement of this section with a pipeline will protect water quality, remove a significant flood hazard and allow the Dutch Slough Project to move forward. The Dutch Slough Project Mitigation Monitoring and Reporting Plan includes a commitment that their levees will not be breached until the portion of the Contra Costa Canal along the adjacent property boundary has been encased.
85020 f	CCWD &USBR	Los Vaqueros Expansion Project	Los Vaqueros Reservoir is a 100,000 acre-foot off-stream storage reservoir owned and operated by CCWD that is used to store water pumped from the Delta. This storage capacity provides emergency storage and allows CCWD to improve the water quality delivered to its customers and to adjust the timing of its Delta water diversions to accommodate the life cycles of Delta aquatic species, thus reducing species impact and providing a net benefit to the Delta environment. CCWD will be expanding the reservoir to 160,000 AF in the near-term to extend these benefits; construction of the 160,000 AF reservoir is scheduled for 2011. Expansion of Los Vaqueros to 160,000 AF in the near term would not preclude future expansion with commitments from local, state, and/or federal partners. DWR, Reclamation and other potential local partners may choose to continue to study the feasibility of a 275-TAF expansion alternative in the context of other Delta initiatives to improve Delta conveyance and better protect Delta fisheries, including long-term programs being explored in the BDCP. The proposed expansion project could increase the reservoir capacity up to 275,000 acre-feet and add a new 470 cfs connection intake and expand the current intake by 170 cfs. This, along with the added storage, would allow the Los Vaqueros system to provide improved water supply reliability to San Francisco Bay Area water agencies. The new and expanded facilities would be operated in coordination with the Bureau of Reclamation and California Department of Water Resources to shift Delta pumping for the three South Bay water agencies from the CVP and SWP Delta export pumps to the expanded Los Vaqueros reservoir system. This expansion of the existing reservoir would provide additional water supply reliability for Bay Area users of Delta water, and would extend the environmental benefits of the existing Los Vaqueros Reservoir.

85020 e,f	CCWD, USBR, DWR	Alternative Intake Project	<p>The Middle River Pump Station (formerly known as the Alternative Intake Project) was developed to improve the water quality delivered to CCWD customers and increase the flexibility of water operations to accommodate ecosystem needs. The project includes a new 250 cubic foot per second (cfs) pump station, a concrete intake structure with a fish screen similar to Old River Pump Station, a building to house electrical and control equipment, electrical substation, surge control tanks, and approximately 12,000 feet of 72-inch pipe across Victoria Island with tunneling beneath Old River to the District's Old River Pump Station where it will be connected to existing conveyance facilities. Intake testing has begun and construction will be completed in the summer of 2010.</p>
85020 c	EBMUD, CCWD, SCVWD, SFPUC	Bay Area Regional Desal	<p>The Contra Costa Water District, East Bay Municipal Utility District, San Francisco Public Utilities Commission, Santa Clara Valley Water District and most recently the Zone 7 Water Agency are jointly evaluating a regional desalination project to serve the needs of over 5.6 million residents and businesses in the Bay Area region. The Bay Area Regional Desalination Project (BARDP) would consist of one or more facilities, with an estimated capacity range of 10 to 50 million gallons per day (mgd). A 6-month pilot test was completed in April 2009 at Contra Costa Water District's Mallard Slough Pump Station which confirmed the technical viability of the project. The next step is to develop an institutional agreement between the agencies to further define the project and agency specific benefits and costs. Completion of the institutional agreement is expected in calendar year 2010.</p>